

THE
Globe Gas Light Company

OF BOSTON.

(INCORPORATED 1874.)

CONTRACTORS FOR
LIGHTING STREETS,

MANUFACTURERS AND DEALERS IN

All Kinds of Plain and Fancy Copper, Copper
and Brass, and Tin Street Lanterns,

FOR COAL GAS, NAPHTHA GAS AND KEROSENE,

LAMP POSTS (Iron and Wood),

Mill, Lawn and Stable Lanterns,

Naphtha and Oil Vapor Illuminating Torches,

PLUMBERS' FURNACES,

AUTOMATIC TORCHES FOR PAINTERS' USE AND OTHERS

Laboratory Lamps, Naphtha and Kerosene Burners,
Globe Naphtha, &c.

OFFICE AND WAREROOMS,
77 & 79 UNION STREET,
BOSTON.

ISAAC STEBBINS, *President,*

SUMNER WHEELER, *Treasurer.*

D. W. LEE, *Agent.*

PHOTOMETRICAL TEST.

BY R. OGDEN DOREMUS, M. D., LL. D., OF NEW YORK CITY.
COLLEGE OF THE CITY OF NEW YORK, CORNER LEXINGTON
AVE. AND TWENTY-THIRD STREET.

NEW YORK, January 5, 1877.

MR. HUGH N. CAMP, *Treasurer.*

DEAR SIR:—Last month Hon. Alan Campbell, Commissioner of Public Works of New York City, in behalf of the Board of Officers designated by the City Charter to make provision for the lighting of the public lamps of the City, consisting of the Mayor, the Comptroller, and the Commissioner of Public Works desired me to make a *Photometrical Test of the Illuminating Power* of your Naphtha Lamp (the Globe Naphtha Gas Lamp).

I was also requested by Mr. S. McCormick, Superintendent of Lamps and Gas, to make *Comparative Tests with two Gas Burners, such as are used by the Gas Companies on the City Lamps.* One was a lava “fish tail” tip with a brass plug or check, the other was a brass “bat wing” tip with a brass plug or check. The Gas of the Manhattan Company’s Works was used under a pressure, as desired, of one inch of water; the temperature of the Photometrical room was 48° Fahrenheit.

The lava “fish tail” burner consumed 3.2 cubic feet of gas per hour, and furnished a light equal to 9.07 candles. The brass “bat wing” burner, with check, burnt 2.68 feet per hour. and gave equivalent to 6.69 candles, while the *Globe Naphtha Gas Lamp*, when tested by the Bunsen Photometer, *yielded a light equal to 14.54 candles*

Besides this *excess of Illuminating Power, owing to the construction of your Lamp, it has a decided advantage over our City Lamps in windy and stormy weather, as it is much less liable to have the light extinguished.*

The cheapness of the Naphtha light, as compared with that of ordinary illuminating Gas, is well known. In towns and around private residences in the country, and where gas pipes are not laid, your simple, safe and effective device will at once commend itself.

I have the honor to remain,


Your obedient servant,

R. OGDEN DOREMUS, M. D., LL. D.,

*Professor of Chemistry and Physics in College, City of New York, and
Professor of Chemistry and Toxicology in Bellevue Hospital Med. College.*

THE GLOBE GAS LIGHT COMPANY.

Contractors for Lighting Streets.

 HIS Company is prepared to contract to Light the Streets of Cities and Towns in a most satisfactory manner, furnishing a Gas Light, **equal in brilliancy to Coal Gas**, and cannot be distinguished from it.

Our Specialty in Street Lighting, is by the Naphtha process, and the same has been adopted and successfully operated in more than 500 cities and towns for a period of twelve years, giving the best of satisfaction, as shown by numerous testimonials in our possession.

The apparatus consists of a cylinder-shaped tank placed upon the outside of the lantern, a connecting tube, water trap, and burner or gas generator, all of which can be attached to any lantern. The tank can be filled to burn the required number of hours, the light going out when the supply is consumed, one pint of Globe Naphtha giving a *clear, white gas light* for at least five hours. *The light is not affected by the weather.*

The only vapor burners for this purpose, which have stood the severest test, and are of any practical value, are owned and controlled by this Company, which is one of the oldest kind, founded upon a solid basis, and thereby enabled to undertake contracts of any magnitude, with ample guarantee for faithful performance.

The lighting of cities and towns by this method, and the supplying of material for street lighting purposes, is our sole business. Contracts taken at a specified rate per lamp, the Company furnishing the gas apparatus, material, and employing men to light and take the entire charge of the lamps.

Our goods are of the very best quality and workmanship.

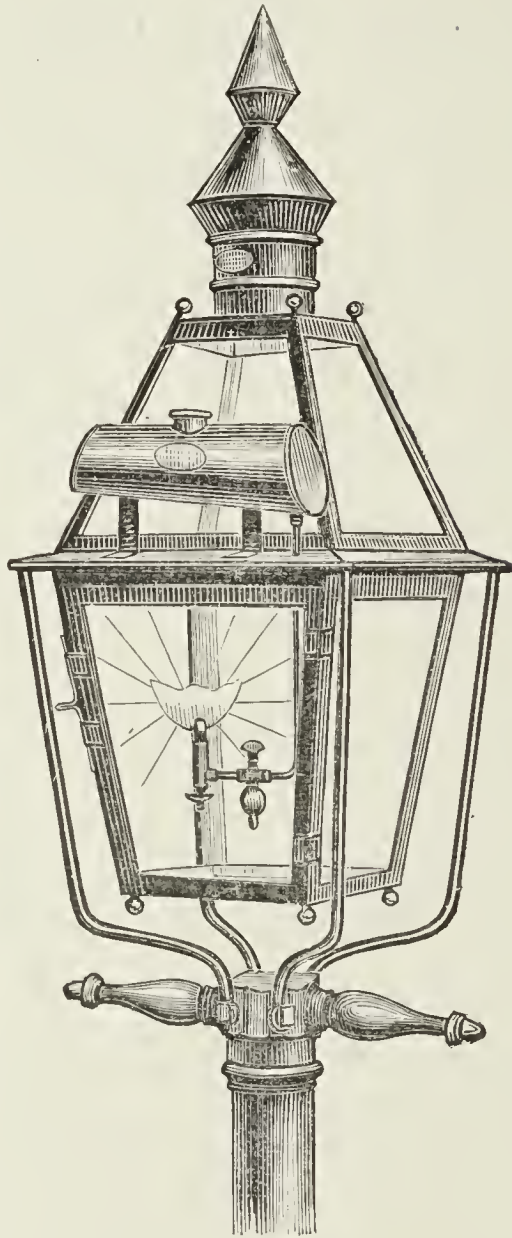
Orders filled with promptness and despatch.

In ordering please refer to *page and number*.

Catalogues upon application.

Office and Warerooms, 77 and 79 Union St., Boston.

No attempt made to magnify our Light with extra and useless appliances.
 Our Lights are **SELF-EXTINGUISHING**.
 The fount can be filled to burn the required number of hours, the Light
 going out when the supply is consumed.



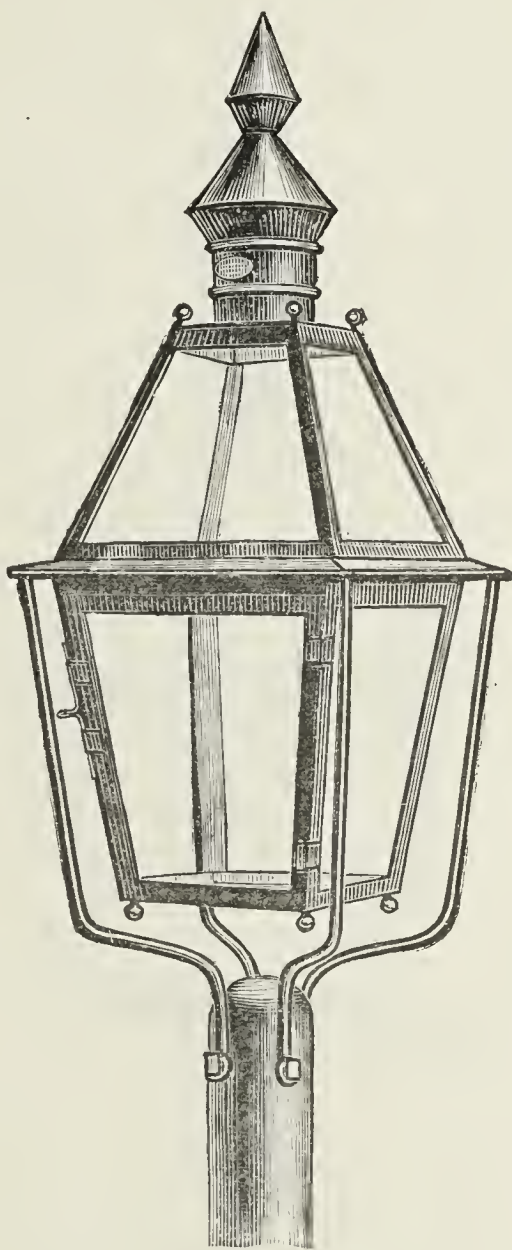
No. 15.

HEAVY TIN LANTERN.

Showing Globe Naphtha Fixture attached.

Light fully Equal to Coal Gas.

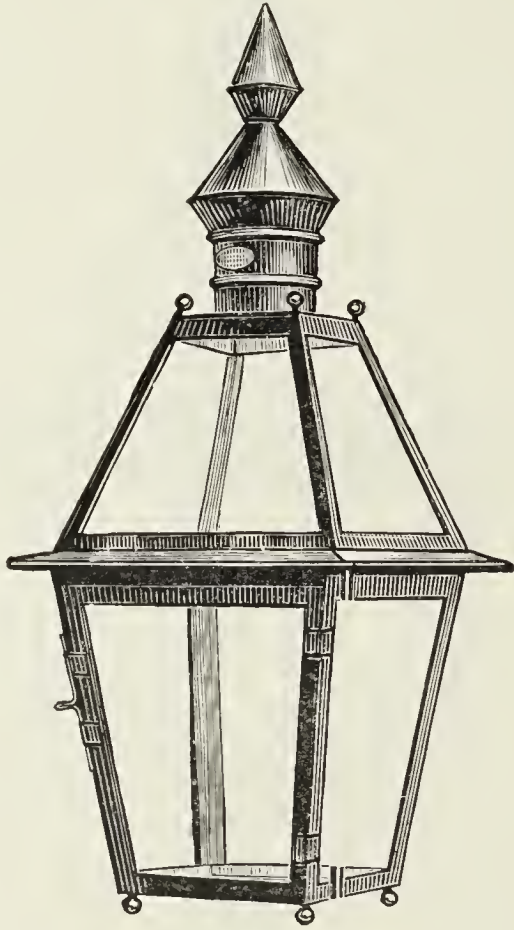
Price complete (except post) _____



No. 15.

HEAVY TIN LANTERN AND FRAME ONLY.

Price. _____

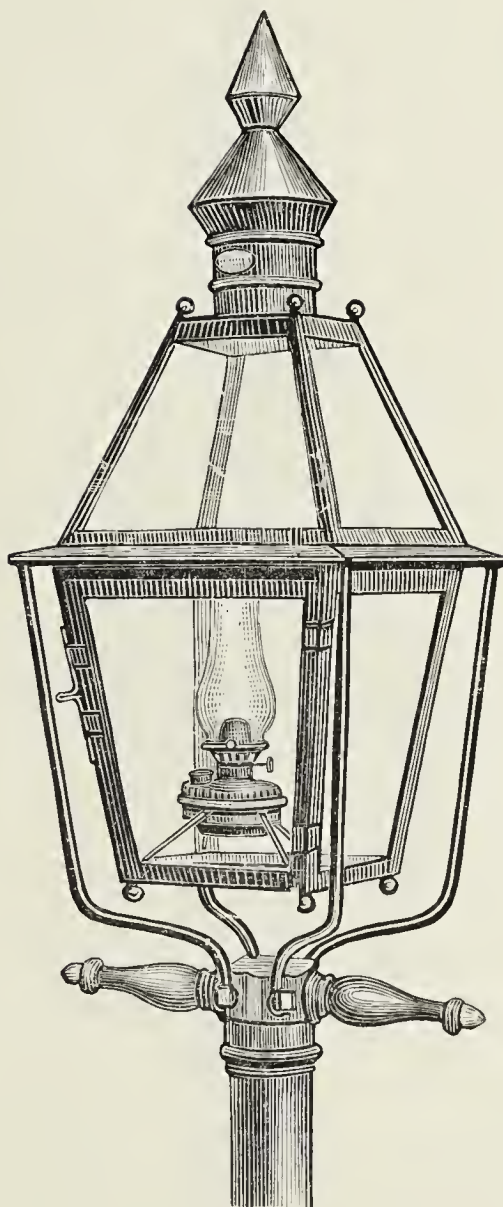


No. 15.

HEAVY TIN LANTERN.

Price, _____

No attempt made to magnify our Light with extra and useless appliances.
 Our Lights are **SELF-EXTINGUISHING**.
 The fount can be filled to burn the required number of hours, the Light
 going out when the supply is consumed.



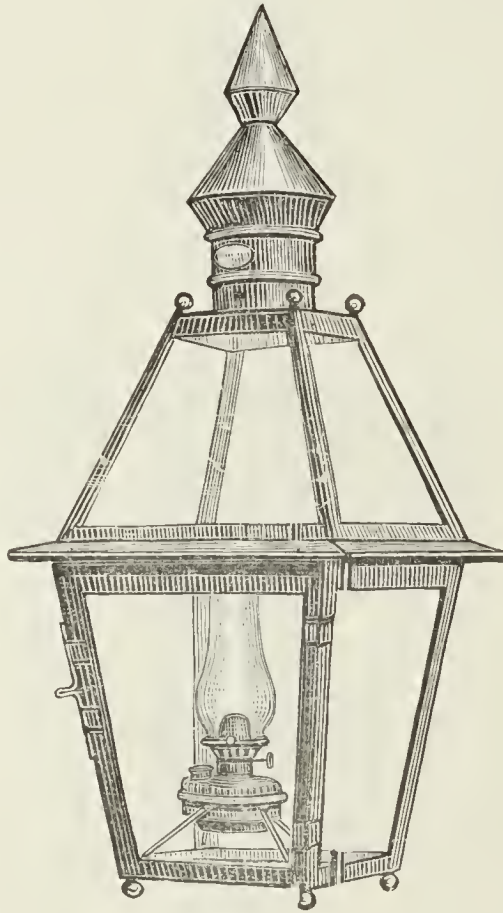
No. 15.

HEAVY TIN LANTERN,

With Frame and Oil Lamp.

Our **KEROSENE GOODS** have no superior in their line.
 Complete (except post.)

Price, _____



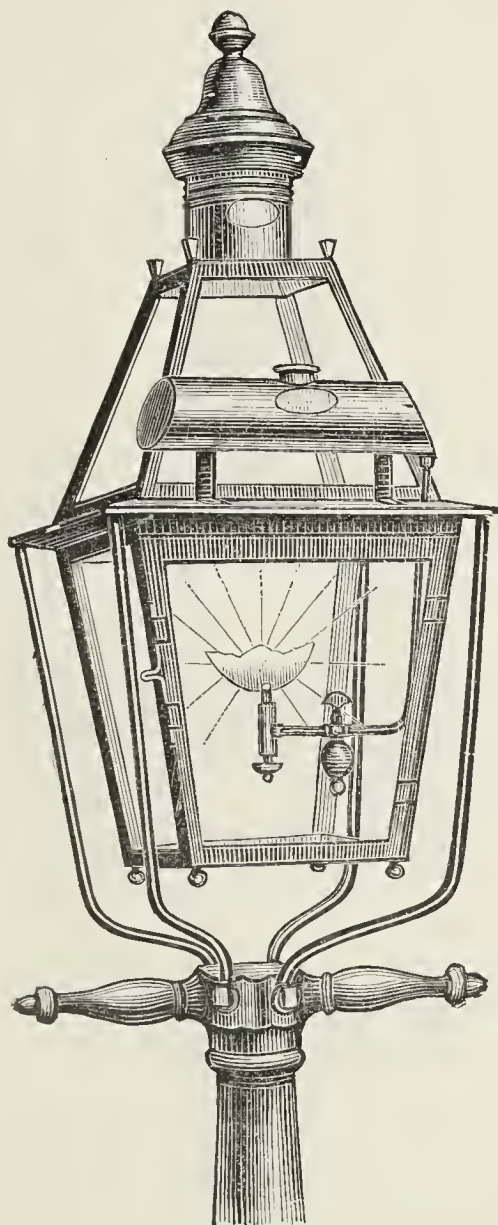
No. 15.

HEAVY TIN LANTERN,

And Oil Lamp.

The Best Kerosene Goods in the MARKET.

Price, _____



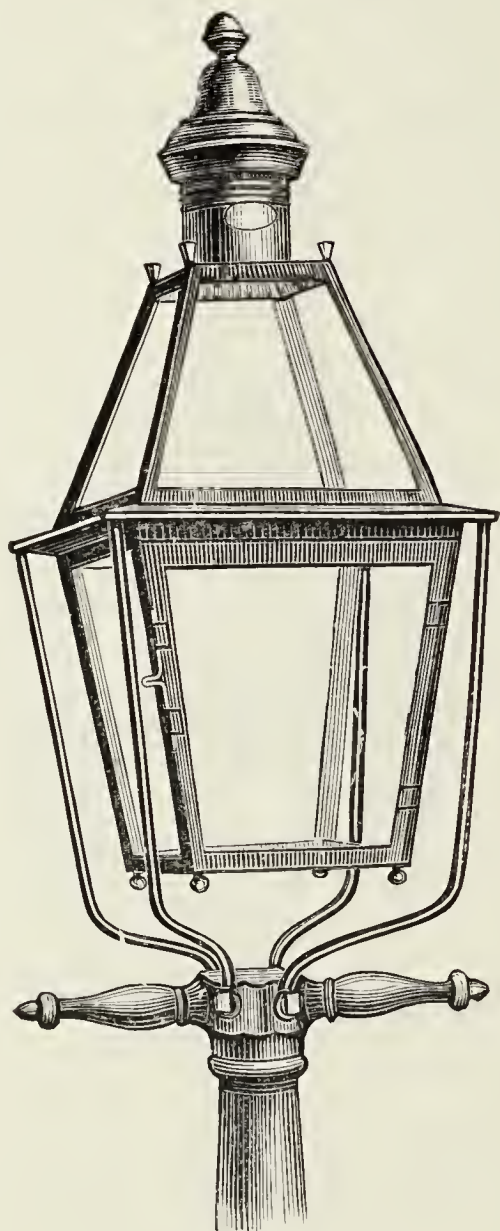
No. 30.

COPPER AND BRASS LANTERN.

Showing Globe Naphtha Fixture attached.

Light fully Equal to Coal Gas.

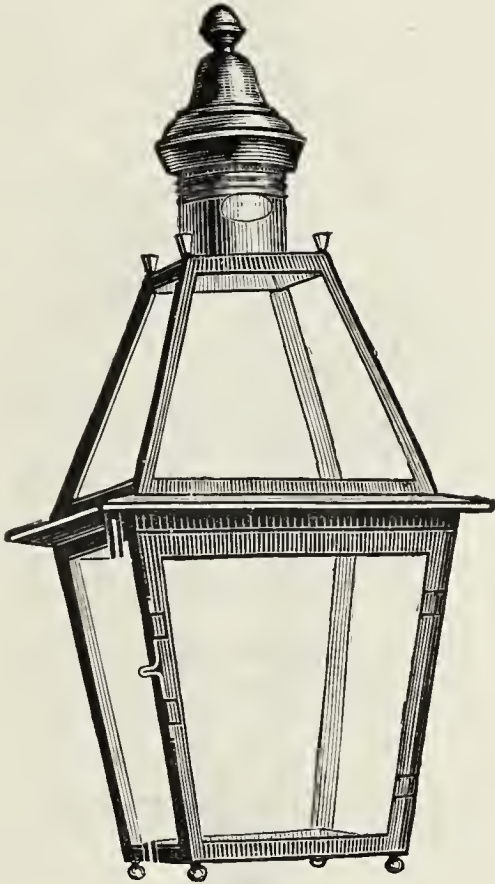
Price complete (except post)._____



No. 30.

COPPER AND BRASS LANTERN,
And Frame only.

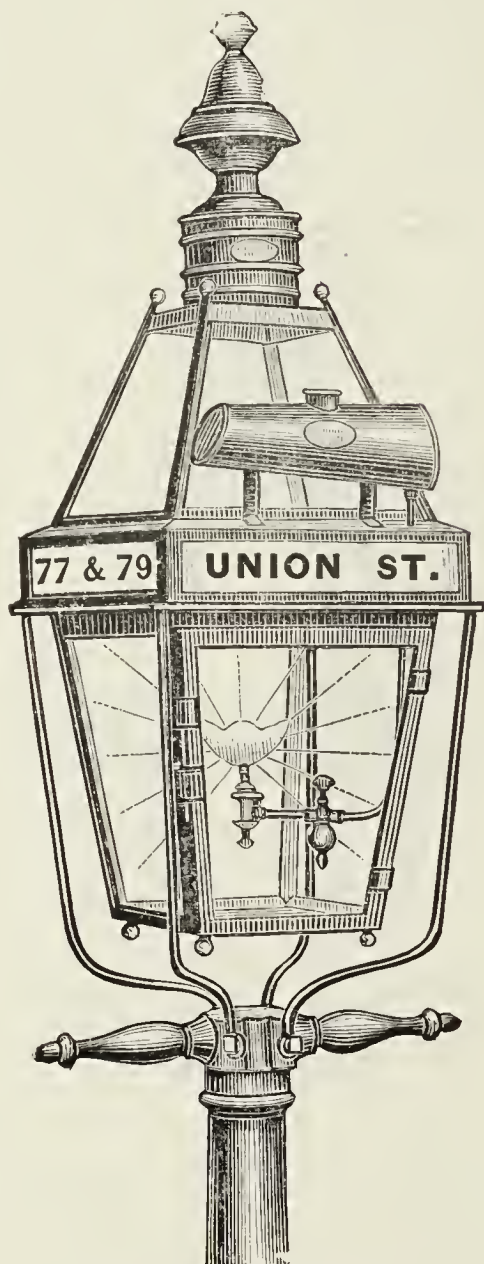
Price, _____



No. 30.

COPPER AND BRASS LANTERN.

Price, _____



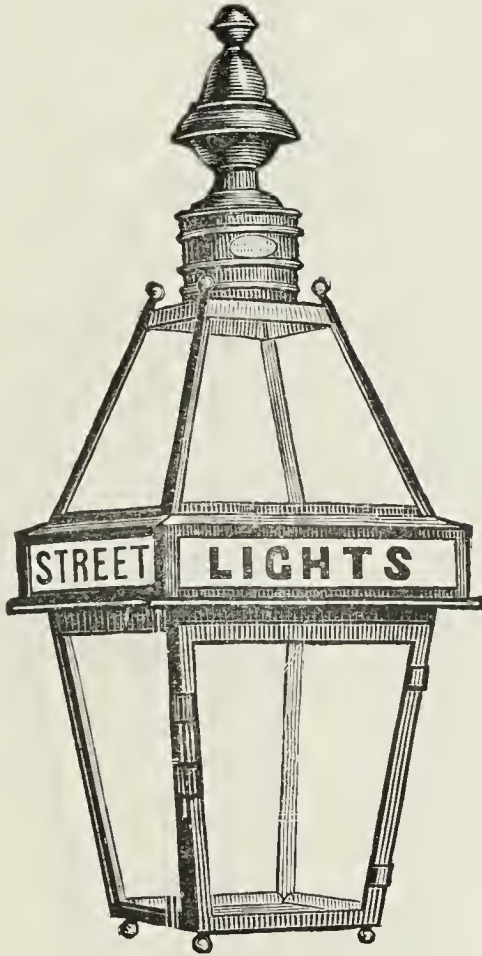
SIGN LANTERN,
Showing Globe Naphtha Fixture attached.

Light fully Equal to Coal Gas.

Copper and Brass, complete (except post), Price, _____

Heavy Tin, " " " " _____

Cut Glass Signs to order, each. " _____



SIGN LANTERN.

Copper and Brass, Price, _____

Heavy Tin, " _____

Cut Glass Signs, to order, each, " _____



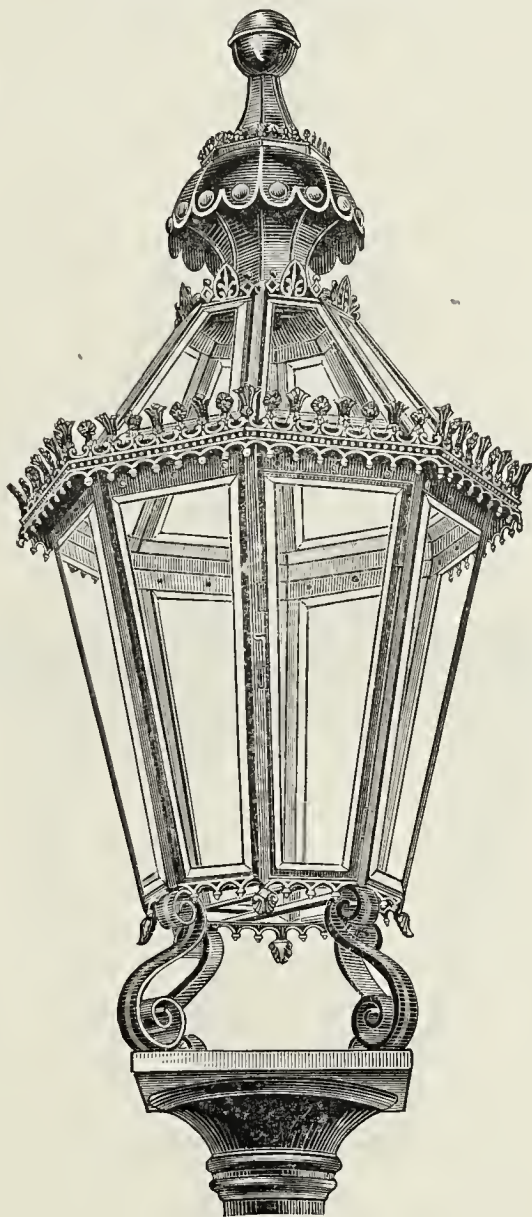
EXTRA SIZE SIGN LANTERN.

Copper and Brass, Price, _____

Heavy Tin, " _____

Cut Glass Signs, to order, each, " _____

13
THE VENDOME.



OCTAGON.

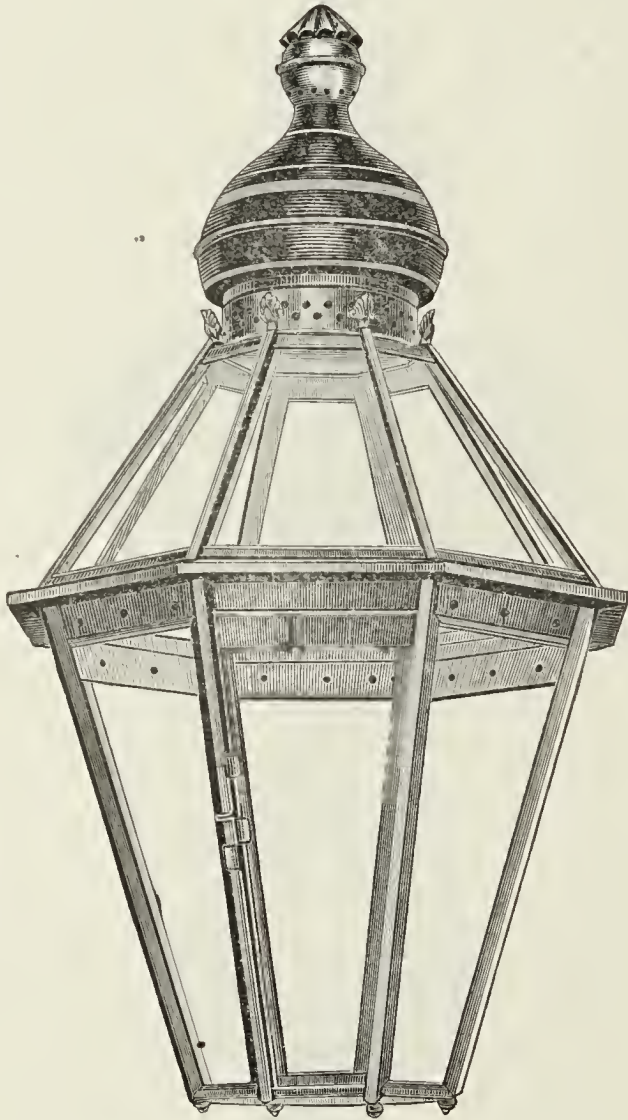
For Hotels, Halls, &c.

All Copper, Bevel Edge Plate Glass, Elegantly Ornamented.

Height from top of Post, 4 ft. 3 in. Diameter, 2 ft.

Price, _____

CORPORATION.



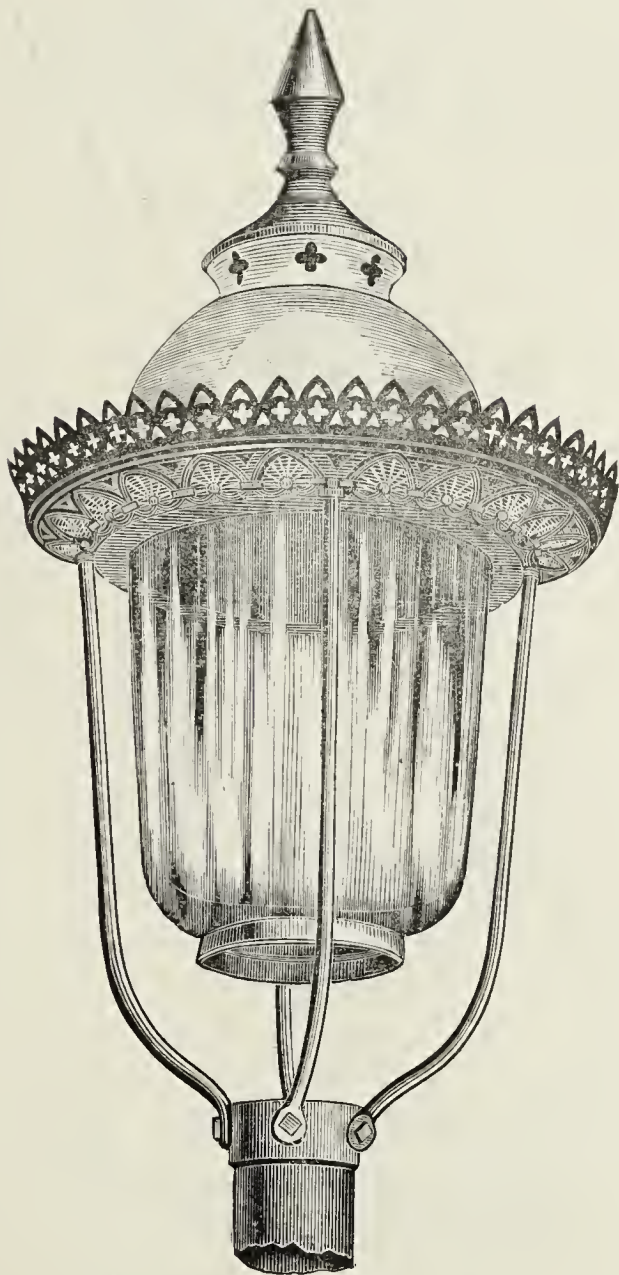
OCTAGON.

Copper and Brass.

Height, 4 ft. Diameter, 2 ft. 3 in.

Price, _____

15
ELEGANT.



No. 51.

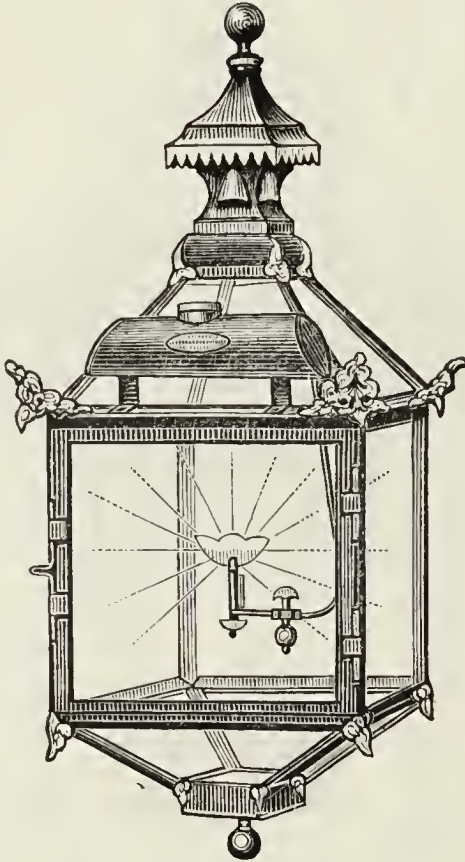
PORCELAIN DOME, COPPER VENTILATOR.

Height, 40 in. Diameter, 20 in.

Price. _____

FANCY SQUARE,

For Naphtha Gas, Coal Gas, or Kerosene.



No. 104.

With Globe Naphtha Fixture attached.

Light fully Equal to Coal Gas.

THREE SIZES.

No. 1,— 14½ in. wide, 3 ft. high, Price, _____

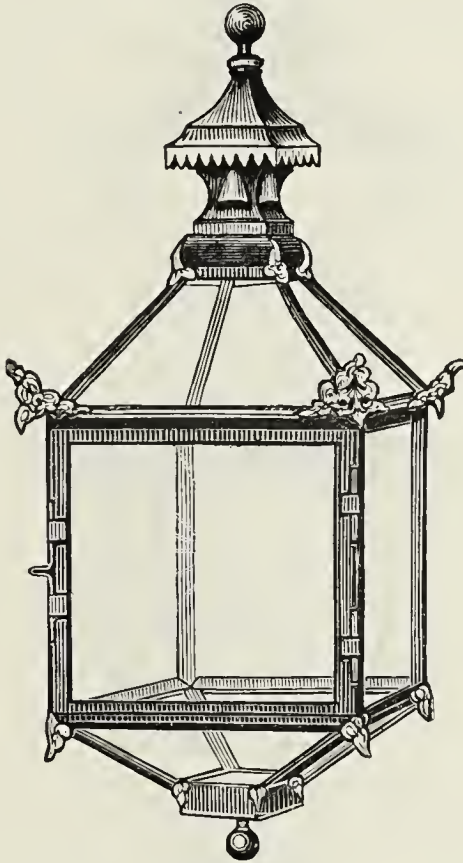
No. 2,— 16½ “ “ 3 “ 6 in. “ “ _____

No. 3,— 18½ “ “ 4 “ “ “ _____

FANCY SQUARE.

Very Popular for Hotels, Halls, Churches, and
Public Buildings.

This Lantern being square, gives a fine surface
for lettering.



Elegant Cut Glass Signs furnished when required.

No. 104.

THREE SIZES.

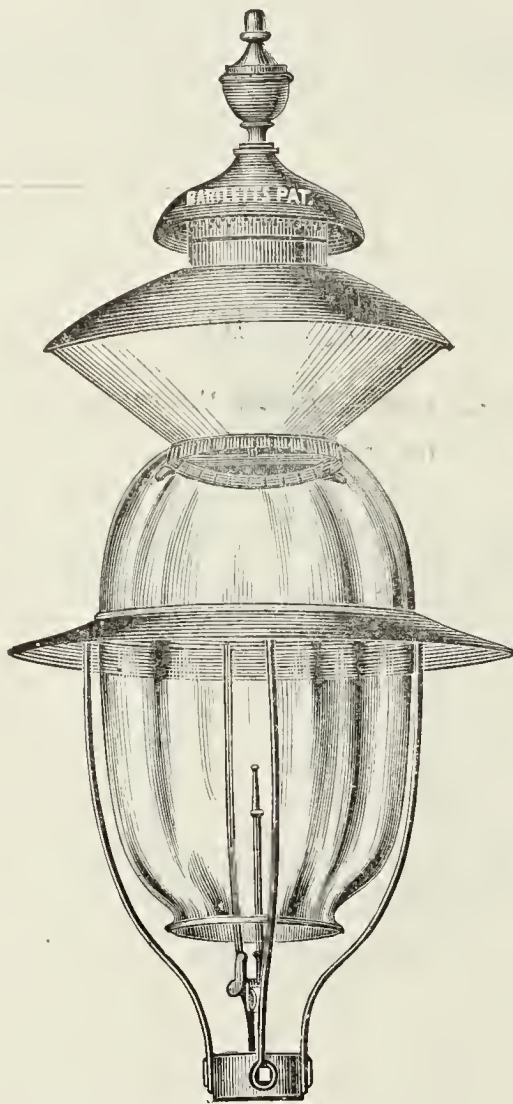
No. 1, — 14½ in. wide, 3 ft. high, Price, _____

No. 2, — 16½ " " 3 " 6 in. " " _____

No. 3, — 18½ " " 4 " " " _____

Fancy Lanterns in variety on exhibition at the
Company's Warerooms.

18
BOULEVARD AND STREET.



BOULEVARD SIZE, No. 220.

Height of Lamp and Frame, 3 ft. 4 in. Size of Globe, 13 x 20 in.

Price. _____

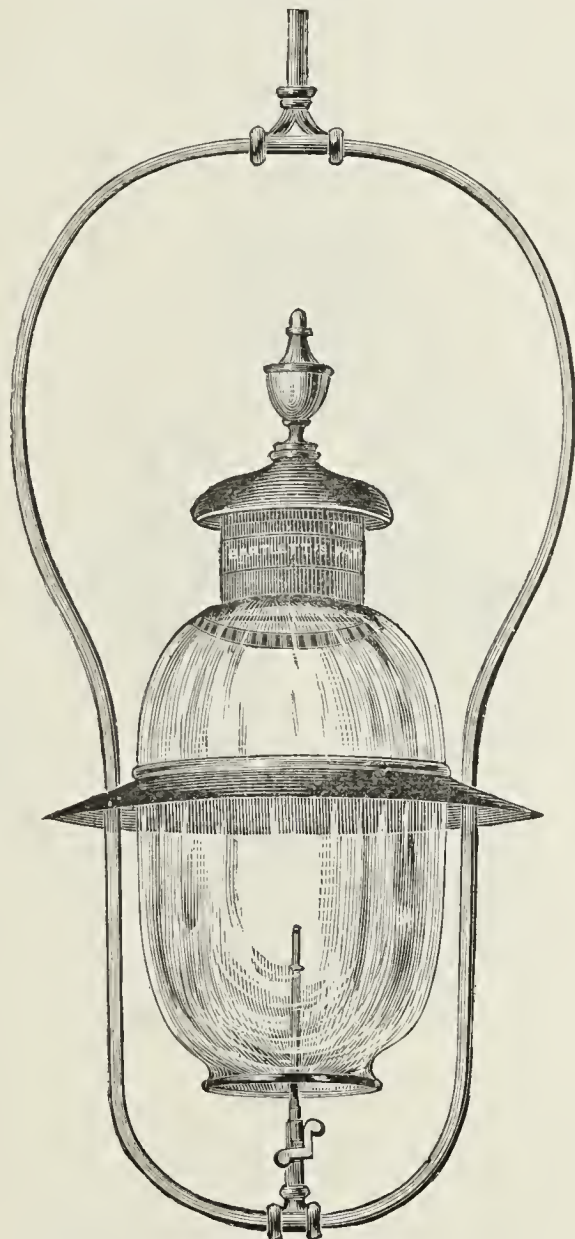
STREET SIZE, No. 236.

Height of Lamp and Frame, 2 ft. 10 in. Size of Globe, 10 x 16 in.

Price. _____

Any part furnished of either size.

19
BOULEVARD AND STREET,
WITH SUSPENDING BRACKET.



BOULEVARD SIZE, No. 248.

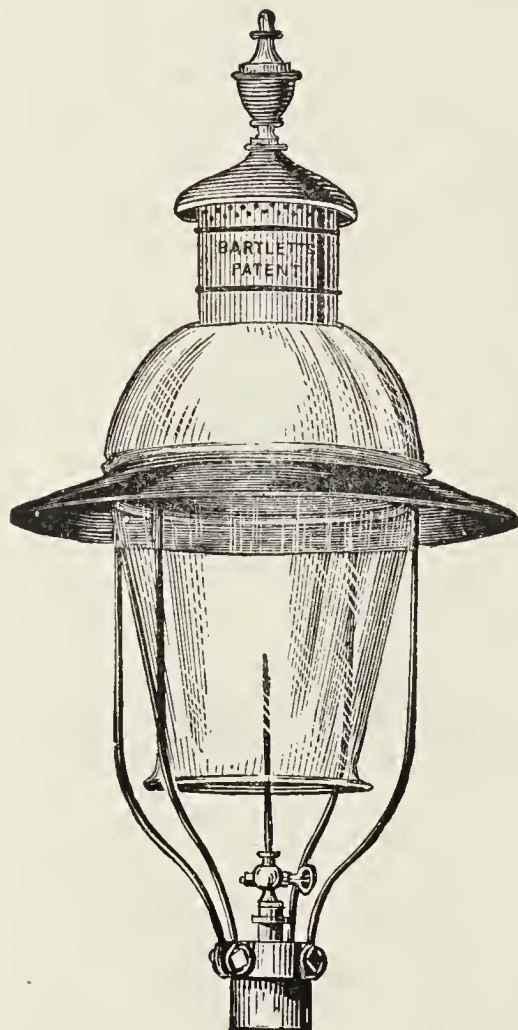
Height of Lamp and Bracket, 3 ft. 8 in. Size of Globe, 13 x 20 in.

Price, _____

STREET SIZE, No. 256. Height of Bracket, 2 ft.

Price. _____

CORPORATION.



No. 230.

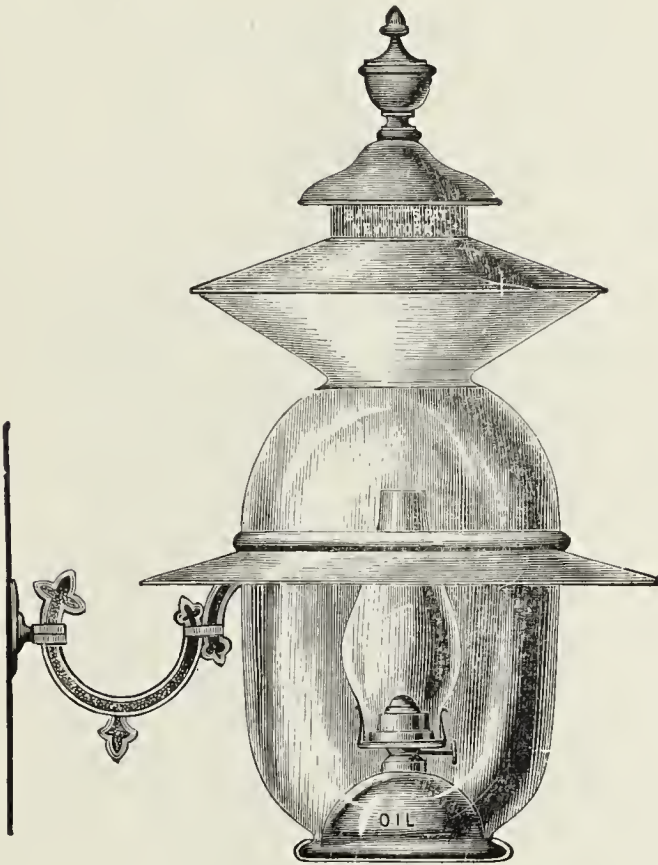
With Centre Reflector and Frame.

Height of Lamp, 3 ft. 2 in.

Size of Globe, $12\frac{1}{2}$ x 18 in.

Price. _____

BOULEVARD.



No. 266.

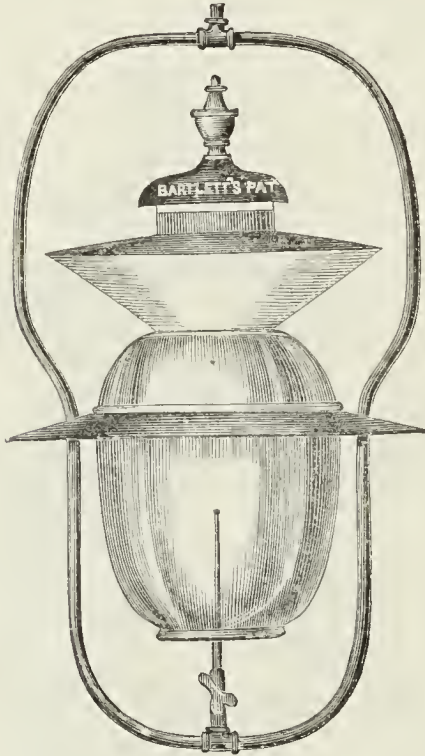
WITH SIDE BRACKET AND OIL FIXTURES.

Price, with fixture, _____

“ without “ _____

SUSPENDING,

With Reflector Top.



BOULEVARD SIZE, No. 246.

Height of Lamp and Bracket, 3 ft. 8 in.

Size of Globe, 13 x 20 in.

Price. _____

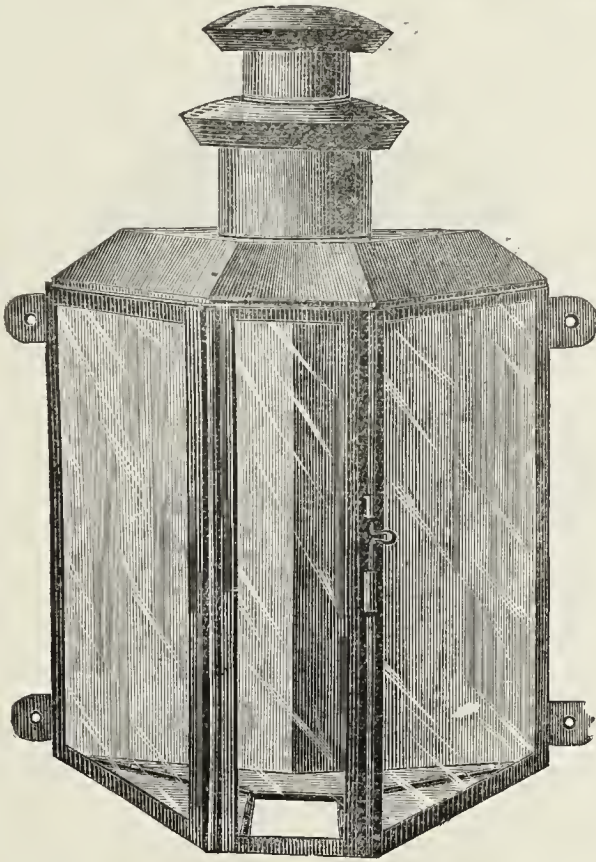
STREET SIZE, No. 254.

Height of Bracket, 2 ft. 11 in.

Price, _____

TRIANGLE LAMP.

With Flat Face.



With White Enameled Iron Reflecting Back and
Clear Glass Front.

No. 213.

Height. 23 in. Depth, 10 in.

Width of Back, 15 in.

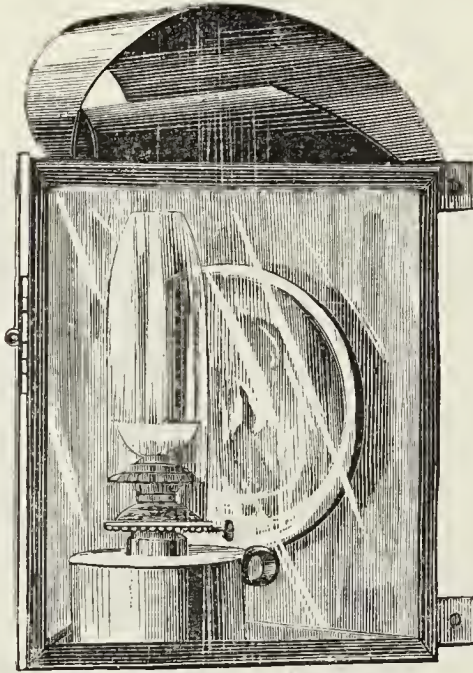
Price. _____

TRIANGLE LANTERN,

For Kerosene.

For Barn, Shed, or Driveway Purposes.

Useful and Safe.



No. 175.

THREE SIZES.

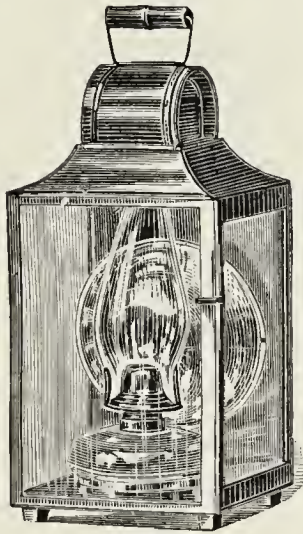
No. 1, — 10 in. wide, 16 in. high. Price, _____

No. 2, — 12 “ “ 18 “ “ “ _____

No. 3, — 13 “ “ 19 “ “ “ _____

MILL, LAWN AND STABLE LANTERNS,

All sizes, for Kerosene or Gas.



6 in. with Oil Lamp and Reflector, Price, _____

7 " " " " " _____

8 " " " " " _____

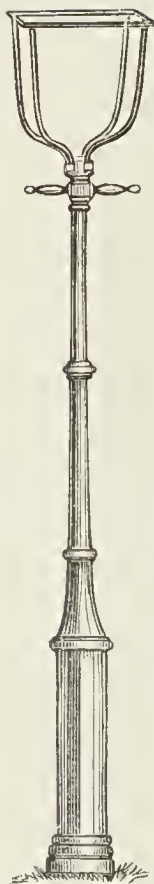
9 " " " " " _____

10 " " " " " _____

12 " " " " " _____

Boulevard Iron Post and Frame.

Height of Post, 8 ft.

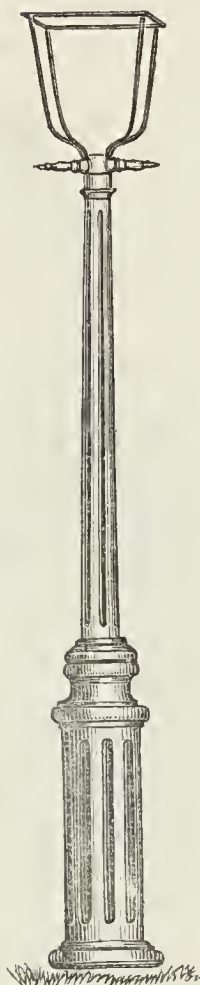


No. 10.

Price with frame, _____
 " without frame, _____

Corporation Iron Post and Frame.

Height of Post, 9 ft.



No. 20.

Price with frame, _____
 " without frame, _____

Height of Post, 8 ft.



Cedar.

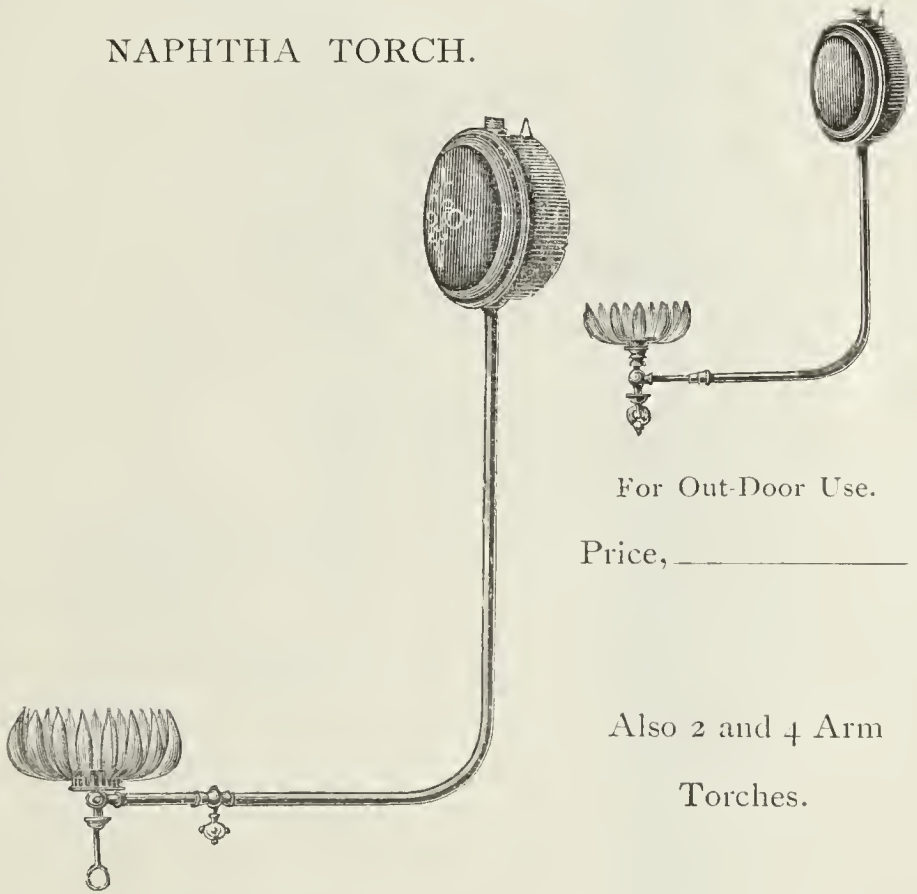
Price with frame, _____
 " without frame, _____

$\frac{1}{2}$ GAL. TANK.

NAPHTHA TORCH.

1 GAL. TANK.

NAPHTHA TORCH.



For Out-Door Use.

Price, _____

Also 2 and 4 Arm
Torches.

For Out-Door Use.

Price, _____

Naphtha and Oil Vapor Illuminating Torches, for Foundries,
Machine Shops, Street Venders, etc.

GLOBE NAPHTHA SUPPLIED.

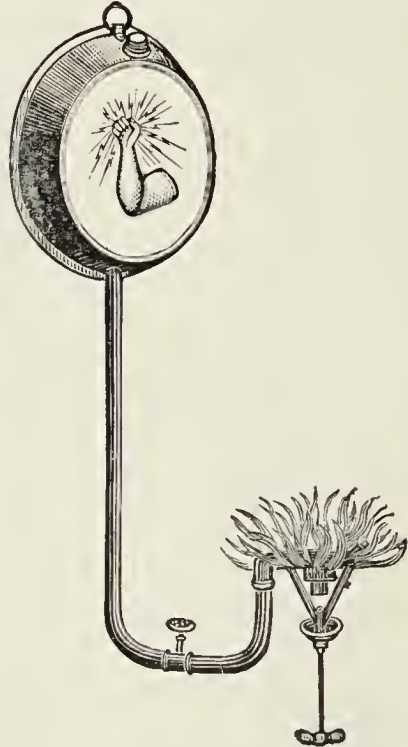


GAS STREET LAMP
TORCH.

The Best in Use.

Price. _____

THE CELEBRATED
ELECTRIC

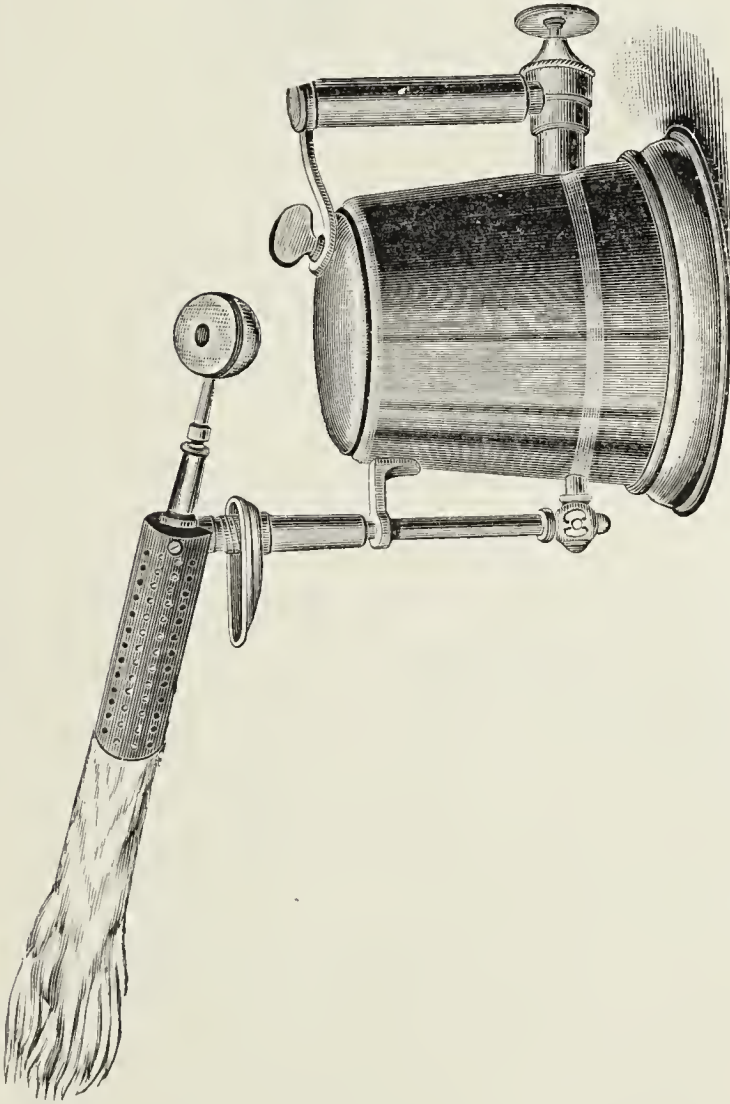


KEROSENE OIL
VAPOR TORCH.

1 gallon Tank.

See page 32.

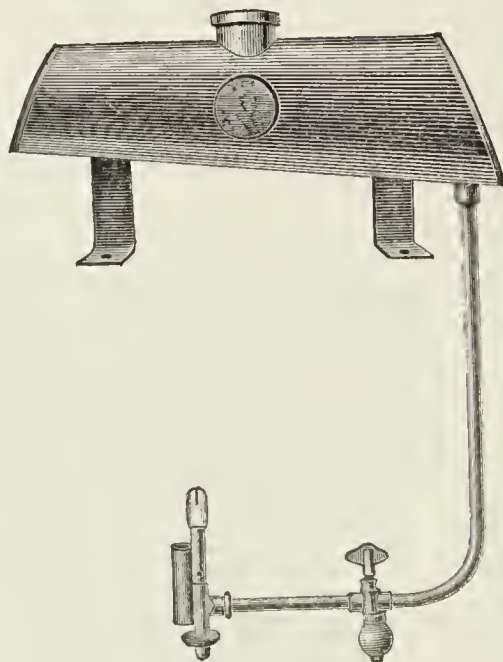
Price. _____



THE CELEBRATED AUTOMATIC TORCH.

For Painters, Plumbers, Gas Fitters, and for any purpose where a hot, smokeless flame is needed. Once tried, always used.

Price, _____



PATENT PORTABLE GAS ATTACHMENT,
For Street Lanterns.

Can be attached to any Street Lantern, and makes the
most brilliant gas light from Globe Naphtha.

Price, _____

GENERAL DIRECTIONS FOR VAPOR BURNERS.

FIRST. Close stop-cock *tight*, then pour into Reservoir needed quantity of Globe Naphtha — *one pint for every five hours*, and *shut cover* on Reservoir, to exclude rain and dust.

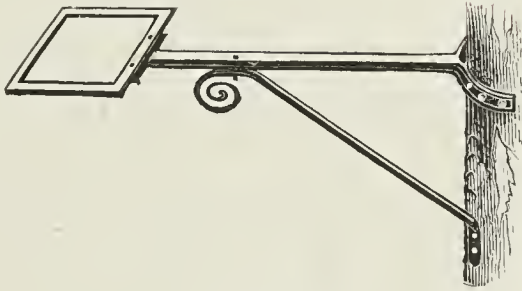
SECOND. Fill cup at base of Burner full of Alcohol, set it on fire, close lantern door, wait about *one minute*, then open stop-cock and light will appear.

THIRD. *Do not be in haste to open stop-cock, the secret of lighting is to have the burner properly heated before opening.* A little practice will soon demonstrate how much alcohol and time is needed to heat properly.

FOURTH. If any leak appears, avoid lighting till the same is mended — *common bar soap* will prevent leaks about any portion of the *screw threads*.

FIFTH. Unscrew Water Trap occasionally and remove water or dust that may have collected. *Never do this while light is burning.*

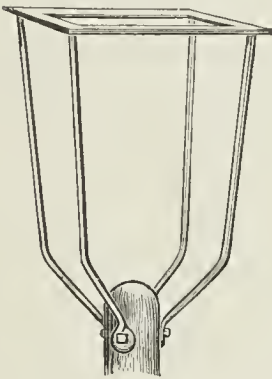
SIXTH. *Use Globe Naphtha only. Never put Globe Naphtha in cans or measures in which Kerosene or other Oils have been used. Always use Alcohol, or our Blow-pipe Torch for heating burner.*



2 ft. Arm.

Wrought Iron Bracket, for Tree or Building.

Price, _____



Wrought Iron Frame
for holding Lantern.

Price, _____



Sign Holder for Street Lanterns.

Can be attached to any Lantern.

Cut Glass Signs.

Price of Holder, _____

Price of Signs, each, _____

ECONOMY.

HEADQUARTERS FOR THE CELEBRATED ELECTRIC OIL TORCH.

Vaporizes Common Kerosene Oil, giving a **Large** and
Brilliant flame. Best light in use for **Blacksmith**
and **Machine Shops, Foundries, Roll-**
ing Mills, Saw Mills, Stables,
Coal Sheds, etc., etc.,

ALSO

Tinners' and Plumbers' Furnaces,

AND

BLOW PIPE TORCHES.

Naphtha Torches for Fruit Stands, Street Venders, Etc.

THE MOST APPROVED STYLES.

OUR CELEBRATED
GLOBE NAPHTHA,

for use in the same, in quantities to suit, by the
Can or Barrel.

Cleaning and Repairing done at short notice.
Orders promptly attended to.

GLOBE GAS LIGHT COMPANY,
77 & 79 UNION STREET, BOSTON.



Gentlemen:

We take pleasure in handing you our Catalogue, which exhibits a part of the large variety of goods which we offer for sale. Whenever you contemplate purchasing anything in our line, we shall be pleased to serve you, feeling confident that we can satisfy in regard to quality and price.

Our goods and work are well and favorably known, and no pains is spared to ensure everything first class.

With thanks for past favors, and awaiting any, we remain,

Very respectfully yours,

GLOBE GAS LIGHT CO.,

77 & 79 Union St., Boston.

